

Product Data Sheet EMULGADE® PL 68/50 ; Revision 1-10/2005



## Product Data Sheet

### EMULGADE® PL 68/50

#### General characterisation

Chemical description  
Cetyl stearyl polyglucoside

#### Labeling Information

INCI name(s)  
Cetylal Glucoside (and) Cetearyl Alcohol

#### Registrations

Ingredient	CASR-No.	EINECS/ELINCS-No.
	87782-27-0	2570085
	54549-27-8	2582202
	27838-85-3	2488882

#### Officially listed in / Quality conforms to

#### Product properties

##### Appearance

EMULGADE PL 68/50 is an ivory coloured wax with a faint typical odour, delivered in pellets. It is used as a non-ionic self emulsifier base in cosmetic oil/water emulsions.

##### Example of use

The product is applied as non-ionic, self emulsifying base in cosmetic O/W emulsions.

#### Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the Product.

##### Quality control data

(Data which is used for quality release and is certified for each batch.)

Acid value (Provisional)	< 1.0 mg/KOH	NF EN ISO 880
Hydroxy value	380-430	N FT 50 213
Melting point	60-70	Pharma. Eur. 2.2.15
Free Alcohol	45-50	M 138
Odour	conform to standard	BCM 075
Appearance	conform to standard	

##### Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

#### Storage and transportation

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End A2

Advanced Specialties, Inc.  
P.O. Box 700  
Vero Beach, FL 32980  
Tel: 1-800-441-8800  
Fax: 1-888-463-7432  
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## BENTONE® EW

Celestina 311760

theological additive  
for the aqueous phase of cosmetics

quinto tipo di Hectar Xe  
sesso i additi

BENTONE EW works as a highly concentrated, easily dispersible powdered rheology aid. It imparts thickening viscosity and good dispersion control to the water phase of cosmetics.

### Ingredients

INCI (formerly CTFA) adopted name is Hectar Xe

### Applications

Oil-in-water emulsions  
Water-in-oil emulsions  
Creams  
Lotions  
Anti-periophthalic  
Deodorants  
Colour cosmetics  
Face packs  
Facial make-up  
Sun-care products  
Hair-care products

### Key Properties

#### BENTONE EW rheological additive

Is easily processed as a powder or paste  
Increases the viscosity of the aqueous phase and stabilizes viscosity on water at varying temperatures and under different shear conditions non-abrasive

Is stable over the pH range 6-11

Imparts thixotropic (microsuspension) plasticity

Provides excellent suspension control

Reduces phase separation with exposure

Is non-abrasive and imparts smooth silky feel to cosmetic and personal care products

### Chemical and Physical Data

Composition	Highly beneficiated smooth clay
Colour	milky-white
Form	soft powder
Density	2.54 g/cm <sup>3</sup>
Mohr's	100% mica